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Norwich, Monday, Sept. 21, 1914.

The Circulation of The Bulletin

Tho Bulletin has the largest circulation of eny paper in Easto four times larger than that of in Norwich. It is delivered in Dorwich, a. I read by ninety-three per cent of the people. In em it is delivered to over houses, in Putnam and Danielson to over 1,100 and in all of these places it is consid-ared the local daily.

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town and on all of the R. F. D.

CIRCULATION

average..... 4.412

DEVELOP IN ALL DIRECTIONS. It is a timely statement which is de that all our opportunibeing made that all our opportuni-ties for increased trade do not lie in South America. While that portion of the western hemisphere affords a and opportunity for the extension our foreign trade it is nevertheless et and one which cannot be forwherever there is a

It wasn't so many years ago that we were enjoying a much larger trade just what the British diplomat said in order to fix the responsibility between him and the news agency.

If he did not make the statements claimed an unpardonable use has been made of his name and position, while the same way if he was a indiscret as in five tweether. ity of placing on a more struct the manufactured ds and raw material of this counry is at hand. It is time to go out into the broad market of the world purpose of advertising United made goods and extending the

country should be doing a much sentment and repudiation. That such greater business under normal conditions, but never is there such a time corps of diplomats under the system cantage but only by striking while the to be satisfied with the transfer from two is hot can the deserved measure Mexico to Brazil, a promotion in red success be obtained. We can stand ality, which has been arranged for nt in all lines and direcons and as the result of the opporly before us an advancement in ide with all sections of the rid at peace should be noted.

DUE TO REPUBLICANS.

It took some time and a rather remuons effort upon the part of the ablicans to accomplish it, but it is entable that the influence of the minority representation in congress has been responsible for the economy as now promises to be practiced relative to the appropriation in the river and harbor bill. Reluctanthave the democrats come to the realization that the opportunity is present for putting aside individual projects which will react to political betterment and devoting their actions

to a meeting of the demands. It is illogical for the governmen to tell the railroads that eco: ed revenue is what is needed, when at the same time the disand plan to do the very thing which was not justifiable for others and igoring the virtue in economy. In gress and developing such strength through their arguments that their efforts indicate success, the republicans have rendered a valuable service country and to the democratic party at the same time. They have than using a sledge hammer in been turned from their inclinations powder mill at Hazardville, ough the influence and initiative of the republican balance

The fight has been sufficient to indiocrate is even when an emergency arises, and it carries its own reflecfor even though the democratic administration will claim the credit for the pruning of the appropriations and the removal of the "pork" it is a fact nevertheless that but for republices activities it would still be a part of the programme. Republicans have shown their presence in Washington to be not only advisable but necessary

TAKING AND SAVING LIFE.

While lives are being taken by the lousands in Forope it is impossible werlook the contrast that is premoney that is being devoted to the protection of life through the pre-vention of disease. Through research work and the devotion of their entire time by master minds to such study great strides have been made in the treatment of human ailments and hopes are entertained for still greater

York state that progress is being made in the search for more knowledge of infantile paralysis. How difficult is the problem, is indicated by the statement that the institute had been at work upon it for a period of six years and it is only recently that it has been able to locate the germ and propogate it. Such advancement is encouraging but it only alters the problem for the cure of the disease remains to be discovered.

It is this indefatigable fight, however, which commands respect and attention, endeavoring as it is to relieve the ravages of dread diseases, and making such progress as to lend strong hope to the belief that it will be ultimately successful. It is a magnificent effort in behalf of humanity and unfortunate is it that the great countries of Europe could not at once with a rag wetted in cold be utilizing their huge resources in water, so as not to leave a white mark. such a saving of life instead of taking

CROPS OF TIMBER.

In sending out its call for the fall neeting the Connecticut Forestry association pertinently asks "What is Connecticut going to do with her large area of waste and idle lands un-

fit for agriculture?"
This is a question which has been given much thought and consideration from time to time but from the great amount of land which remains still unimproved it is evident that there are many, and some of them the very ones who are in need of it, who have given the subject little attention In many sections of the country, and there are instances in this state, forestation has resulted in the utilization of land which was not available for other use and gives promise of handsome returns.

The problem of waste land is one

of much importance in every state. Much has been made available for use n agriculture and much more can be by the giving of proper study to the requirements, but forest land is desirable, it is profitable and there are large areas denuded of trees which offer the best business proposition by retaining them as forest lands and giving them the benefit of modern methods of treatment instead of depending upon them to grow up themselves. Connecticut gets much from its tilable land but it is possible for t to get much more. It gets scarcely anything from its wastelands but with the forest survey which is now being made by the state forester to determine where the land is that can and ought to be producing crops of umber an important aid should be furnished for reducing the idle and unproductive area to the minimum.

CARDEN'S WEAKNESS.

This country has asked England for a verification of the statement which is attributed to Sir Lionel Carden in criticism of the policy of this country in Mexico. Though it has been repudiated by Great Britain through Ambassador Spring Rice as not expressing in any way the sentiment of that country, yet it is but natural that it should be determined

res. In the same way if he was so indiscreet as to free his for one in his position. Such undiplomatic conduct upon

the part of an accredited member of tates made goods and extending the meant of an accredited member of the part of an accredited member of the goods and extending the meant of its export trade.

The undeveloped field of South merica deserves the most thorough his nose and not his mouth. The nose may be clogged by a growth or adenoids in the throat may obstruct that his utterances concerning the part of study for it is there that this mexican situation have occasioned received and the prevented by culosis and should be prevented by entment and repudiation. That such push American made goods as when in operation might occasion less sur-re is need for them. The chance prise but it quickly ended the career the merit of American of our minister to Grams, and it will have is no inconsiderate ad-Carden. He has apparently disclosed by his own volition one of his serious

> EDITORIAL NOTES. The only way to tell just how much promises really amount to is to start

a campaign for office.

The man on the corner says: A novice usually breaks in by expecting a politician to be consistent.

With Paris much occupied with other things this would be an excellent time for the opening up of an American style center,

The prospects of a big apple crop puts the cider mill product in direct line for the attention of the revenue tax makers at Washington.

There is little in the declaration of King George that England will fight until victory to encourage the belief that there will be a short war,

Fate appears to be against Santa Claus this year for on top of the shutting off of German toys by the war comes the destruction of a Massa-

chusetts toy factory by fire, Frightful accidents continue to our with great regularity and with

the exercise of no more judgment New London is able to gebble up

Groton when there's some advertising to be gained, but New London controi didn't go in the democratic convention for some reason or other, The colliers which ply the St, Law-

rence are a credit to their plan of construction when it comes to sink-ing other vessels, Two instances show that they deserve to be given s wide berth,

The efforts of the bull moose to pick sovernor for the democrats wasn't appreciated, but all the assistance they can give to aid the election of the democratic ticket will be gratefully received.

This talk by the young prince tha it was "the happiest day of his life" when he was shot may have referplace where Harry Lauder agreed to

New light is shed upon the McGillicuddy victory in Mains by the an-nouncement that he is a brother of Connie Mark, Opponents may have been handicapped at the start from Dr. Simon Flexuer of the Rocketel-been handicapped at the start from the institute has disclosed in a record, the charm which lies in the pame but the the health officers of New the relationship desprisely.

WOMAN IN LIFE AND IN THE KITCHEN.

SUGGESTIONS FOR

THE HOUSEWIFE

Buckskin shoes and slippers are astly cleaned with gasoline. It is wise after cleaning white shoes, whether shoe trees into them. Then one need not fear lest the shoes shrink in the drying. Do not use gasoline near

To take ink stains out of mahogany put a few drops of nitric acid in a teaspoonful of water touch the spot with a feather dipped in the mixture, and on the ink disappearing rub it over

When the handles of steel knives become loose or come off, pour a little powdered rosin into the handle, then heat the part of the knife that fits into the handle until it is red hot and thrust it quickly into the handle. When it is cool the handle will be firmly fixed in place.

When papering a room try mixing the flour paste with skimmed milk, but be sure there is no cream left on the milk. Sour milk is even better han sweet milk. Scald the paste thoroughly, and do not have it too thick. Paste made in this way will stick on white-washed walls.

To renovate ribbons which have seen creased by frequent tying, lay the ribbon on the ironing board and place over it a clean sheet of brown paper. Then take a hot iron and hold firmly with the right hand and with the left hand draw from under the iron. The esult will surprise anyone.

PATCH POCKETS

Women will rejoice that pockets women will rejoice that pockets are to be a feature of the fall styles. Instead of always having to carry a handbag for the tiny purse containing the carfare, there are seen on the jackets some fancy pockets which are something of a trimming. Even the Eton jacket effects, reaching only the waistline, sometimes have a pocket on each side large enough to hold a small urse, or cardease

CARE OF OVEN.

An oven that is constantly in use requires to be kept scrupulously clean. It should not only have the shelves scrubbed out with soda occasionally, but in addition the shelves should be painted with quicklime two or three times a year. An oven treated in this way never becomes caked with grease and there is no unpleasant smell when

TO CLEAN JARS.

Jars and pickle bottles that smel of onions may be made quite sweet if filled with garden mold and left standing out of doors for two or three days. When thoroughly washed they will be found quite sweet and may be

used for jam or any other purpose. HEALTH AND BEAUTY.

Peroxide will surely bleach you skin, but at the same time make it very dry. To prevent this, massage the face with your massage cream once daily. Do not allow the peroxide to touch the hair, eyebrows or leabor.

Raw tomato rubbed over the hands will whiten them and this treatment mind as indicated he committed a gross injustice to his country as well as displaying an improper restraint for one in his position.

Will whiten them and this translation is perfectly harmless. It can also be used on the face and it removes fruit or vegetable stains from the hands. Let it remain on a few minutes then

Be sure that your child breather

A lotion composed of two ounce of lettuce juice, two drams of eau de cologue, two ounces of distilled vinegar and four ounces of elder flower water is said to be especially good for allaying heat and irritation of the skin. Dab the skin with it frequently

A remedy for swollen, sore and blistered feet is a dusting powder com-posed of three parts of salicylic acid. ten parts of starch and eighty-seven parts of finely pulverized scapstone. The feet of the stockings and the shoes, as well as the skin of the feet, should be dusted with this.

For perspiring feet, bathe them frequently with warm water, to which a little ammonia has been added. After drying, the feet should be dusted over with boracle powder. Bathing in alum water will afford relief to burning and tender feet. There is more strengthening to the fee than salt.

Blocks of camphor dispersed in all corners of damp rooms in a new house will effectually banish damp in a very short time, even when fires have groved ineffectual. They should be simply laid on paper, or on the bare shelves of a damp room or linen closet. The blocks gradually decrease in size and when they finally disapear, should be replaced until their purpose is served.

SHINES BRASA.

When brass beds become tarnished as they often do, you can lacquer them and make them look like new. First rub the brass vigorously with a dannel dipped in whiting then get 10 cents' worth of shellac; dissolve it in enough alcohol to make it thin. Appelly with a small brush it can be ply with a small brush. It can be done quickly and the bed will look as pretty as if sent to the factory and is much cheaper,

ENOUGH FOR TWO,

A pound of butter is the average emount consumed by two in a week; a pound of lard should last a month; two pounds of sugar is the allowance

COAT WITH STARCH,

Instead of using an expensive enam i paint to paint kitchen shelves a lain white paint may be used. When dry paint over with a coating of thin hot starch. This gives the same gloss as enamel and will not come of

DICTATES OF FASHION, The fact that skirts are growing

wider is well established

The short caps of black velvet Fulle and chantilly capes have bands of velvet for trimming,

To be fashionable the new basque must wrinkle on the figure, The little girl must wear white if

she would be fashionable A cape of knitted wool and attached by snaps to a sleeveless wool waist-coat is a nevelty that is attracting

a good deal of attention among people who like a light weight but warm and compact wrap for outdoor sports.

A goodly number of skirts with tight fitting yokes are seen. Black chantilly over white satin i

Dahlia red is likely to be a favorite color for the tailored suit.

High corselet girdles appear on the new flowered voilé dresses. The smart woman will have a strict-

Gloves of contrasting color are worn by many well dressed women.

The sash is likely to remain popu-lar for all classes of costumes. Diamonds mounted with opals of onyx stones are very fashionable.

Variations of the tunic are becoming to all figures, be they tall or short. So far many of the coats shown button rather snugly about the throat.

One heavy coat of mixed black and gray, in a soft, thick cloth, shows a wrinkled snug collar of black velvet, and the fur collars fold close about the neck.

BAKED QUINCES.

To make baked quinces that are not tough wash and core as you would apples to be baked and put them in a apples to be baked and put them in a pan filling the center of each quince with granulated sugar and a little cinnamon. Add a little water to the bottom of the pan and cover the quinces so that they will steam. When the quinces are tender to a thrust of a fork remove the cover and allow them to brown slightly. Serve plain for breakfast or for dessert with whipped cream or a meringue. whipped cream or a meringue

BOIL IT LONGER.

The reason that some marmalade will not jell is probably because it has not been boiled enough. Marmalade needs a great deal more boiling than jam. It requires from two and a half to three hours.

SAVING MILK.

When making tomato bisque use the water in which rice has been boiled instead of milk. It will not curdle

HELPS IN THE LAUNDRY.

Fitted with a single supporting leg so arranged that skirts and similar garments may be placed around the board without interference, an ironing table has been made with an apron attachment which prevents clothes from brushing against the floor while work is being done upon them, says Popular Mechanics. It is designed to be hinged to a table or wall, and efther folded back or removed entirely when not in use. The protecting bag is swung from two rods which extend parallel from socket supports on both sides of the board. The absence of a framework underneath makes the apparatus especially useful in ironing things of a sack shape, while the apron is of material service when large pleces such as sheets are being ironed.

The modern stationary washtubs are box-shaped, with one side set at an outward angle or slope. The washboard, when used in these tubs, will slide up and down against the sloping part of the tub while the clothes are rubbed against them. This annoying trouble can be avoided by tacking on the top edge of the board, strips of rubber cut from a discarded blcycle tire, placing the rubber side out. The friction of the rubber prevents any motion of the board.

Housewifes can keep down their gas bills by the use of a combination kitchen heater which was recently patented by a Chicago woman. By its use, one burner or stove hole can be used to heat a flatiron, tonst bread and cook a kettle of food at the same time. Inside the metal cover which rests on the side of the stove is space for a flatiron on a holder that slides through an opening in one side. Above the flatiron is an opening for a kettle, and the inclined sides, all the way around, are perforated for toasting. A removable asbestos lining confines the heat and cuts down the amount of fuel needed.

DART AGAIN.

Darts and seams long forgotten and unused are being again revived, and the newest autumn styles will show instead of the baggy loose lines of the kimono blouse and the shortened waist line the quaint, perpendicular lines of the fitted basque and the lengthened waist line, draped with a full sash, Rumors of the impending change of line baye come to us from full sash. Rumors of the Impending change of line have come to us from Paris repeatedly, but somehow very little credence was given them, for the accepted styles of the summer were so very different. Smart women were wearing fluffy, befrified clothes, with puffs and flounces and all sorts of furbelows, and it seemed scarcely possible that they would turn from these picturesque styles to the formal, quaint fashions of 1880.

CARE OF KNIVES.

When knives are packed away, enough being kept out for everyday use, the blade of each one should be rubbed thoroughly and carefully with olive oil. Then wrap the knives, each one separately, in paper and store them in as dry a place as possible. CONCERNING WOMEN.

In London there is a school for notoring women which is owned and named by women, Women school teachers in Topek Kas., receive an average salary \$76,75 per month.

The Hungarian legislature has just drafted a bill making certain sorts of military service compulsory for women—such service as nursing in the hospitals, attending to the seddiers' food and clothing and looking after the telephone and telegraph.



ANNOUNCEMENT

Fall Opening and Sale Choice ORIENTAL RUGS

Our Fall Opening and Sale of Oriental Rugs begins Monday, September 21st, and you are cordially invited to inspect a stock which in size, merit and variety is the most extensve exhibited outside of New York and Boston.

It is needless to say that on the part of the buying public there is a more critical attitude shown in the matter of coloring, durability, and genuineness of Rugs than ever before. With this in mind we have omitted no effort to get the very best made Orientals that can be found in the East. Confidence is about everything in buying a rug-confidence in us, founded on experience. We stand back of all we sell and our valued customers know that every rug we sell may be depended on for good service and genuineness. We allow no misrepresentation in our store.

Despite the great scarcity of Oriental Rugs on account of the war, we are fortunately well supplied as Mr. Peters secured this collection before hostilities commenced. There will be no advance in prices while our present stock lasts.

May we have the pleasure of a visit from you during this sale?

OLD FURNITURE MADE NEW

In Our Upholstery Department

Upholstered furniture, shabby and worn, does not necessarily mean that you will have to buy new. Select the new covering from our large assortment of upholstery fabrics, place it in the hands of our upholstery expert and it will be returned to you as good as new, possibly better. Let us call and give estimate upon the cost of any upholstery work you wish done.

PLACE YOUR ORDERS NOW BEFORE THE SEASON ADVANCES



plaster of paris, the plaster will net both parties are entitled to nominate set so quickly if one part flour is two members of school board and the added to three parts of the dry plaster. loser gets only one. Mr. Citizen evi-Thoroughly mix before wetting,

RECIPES. Checolate Cake-Put yolk of one egg two squares of chocelate and one-half cup of milk on stove and stir till it thickens like cream, then add a tance. piece of butter size of an egg. Beat up the white of the egg, one cup sugar, one-fourth teaspoon of cloves, one-haif cup of milk and one are one-haif cups of our, with one-haif teaspoon of soda and one of cream tartar. Mix all together and bake twenty

Special Lenox Pie—This recipe is very rich and is condensed here for one pie. Two eggs one cup of sugar, four tablespoons of butter, one cup of grated apple, the juice and grated rind of one lemon, one tablespoon of cornstarch, one cup of water, Beat your sugar and butter to a cream, beat your yolks, add one teaspoon vanilla. Put into a buttered mold and steam three hours.

this city with the invention of a hoisting apparatus.

Alonzo L. Sweet and not Everett as statled in your paper, Mr. Sweet in statled one of these hoisters in Joel Kinney's packing house, also in Avery's on Water street and in several control of the places in this vicinity. Thanking you in advance for this correction, if remain yours respectfully,

LETTERS TO THE EDITOR

Matrimonial Mathematics - Neither Four Nor Six,

Mr. Editor; -A local writer and wit Women school teachers in Topska, Kas., receive an average salary of \$76.75 per month.

Miss Margaret McMahon has been employed in the Bethlehen, Pa., post-office for twenty-five years.

Miss Eihel Hayes, the daughter of a Billings (Mont.) banker, is the most perfect woman in America, according to Hamilton Wolf, a New York artist.

Dr. Mary J. Hogge, who makes a specialty of the study of marine animal life, has been appointed a professor of biology at Wellesley college.

Miss Mary J. Fits, I years old, has just entered upon her duties as post-mistress at Venice, O.

In Willesden, England, it is said that the married women go out to work will the husbands stay home and keep house.

The Hungarian legislature has just the first the married women go out to work will the husbands stay home and keep house. making this criticism in no unfriend-ly spirit. We stumbled accidentally over the error, in straying to discover the kernel of fun in the aforenamed epistle. TEDDY BEAR.

Norwich, Sept. 19, 1914,

two memoers of school board and the boser gets only one. Mr. Citizen evi-dently takes it for granted that the democrats will be defeated. I agree with him there, consequently it be-comes the duty of all citizens to select the best qualified of the two democra-tic nominees to elect. His name looks

Packer, Conn., Sept. 29, 1914.

Alonzo L. Sweet, Mr. Editor:—In your issue of Sat-urday, Sept. 19, in the news of fifty years ago, under the date of Sept. 14,

864, you credit Alonzo L. Everet

Norwich, Conn., Sept. 19, 1914.

OTHER VIEW POINTS

is the American correct in its as sumption that there is a prejudic against lawyers as candidates for the against lawyers as candidates for the House of Representatives in the General Assembly? There is certainly no prejudice in Hartford against gentlemen who practice law serving in the House or in the Senate, Indeed, there is an unwritten law in this city that the candidates for the House shall be representatives of its legal and business interests. The custom of sending a lawyer and a business man to the house is so generally observed in Hartford that it has almost the force of a rule,—Hartford Times, of a rule, -- Hartford Times,

The Republicans have nominated

The Republicans have nominated a good State ticket, the candidate for governor, Marcus H. Holcomb, a judge of the Superior Court, being one of the leading citizens of Connecticut and also one of the ablest. He is as clean as a whistle and those who know him say that he is a good lawyer, a fair judge and a man of sound judgment. That is a pretty good recommendation for a man nominated for public office. The rest of the ticket is composed of men well known in public life and it was built up in such a manner as to appeal to the Wauregan School Beard.

When filing cracks in the wall with is the one who shows is normance as

Banner Bill Today VAUDEVILLE

Exceptionally

Gymnastic Girls

WINFRED & MARTON JOLLY COLORED

In the Laughable Comedy Skit, "The Chinaman and the Conn MARTINE & PERKINS Two Clever Musical Boys HARRIGTON AND HIS DOGS Wonderful Animal Act

TODAY MILLION \$ MYSTERY THE LEAP FROM ONLY MILLION \$ MYSTERY THE LEAP FROM LINER

THE MASQUERADER Keystone with Charlie Chaplin MUTUAL WAR WEEKLY Direct News from the Front

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MARY PICKFORD THE POPULAR LITTLE ACTRESS MONDAY AND TUESDAY ONLY

RESTEIVO

Sixth Chapter taken at THE THEY DEEMIS Nantucket and Providence, R. I.

MONDAY AND TUESDAY ONLY

LEWIS and YOUNG FLOOD and ERNA

COLONIAL THEATRE

THE SQUAW MAN

Mammoth Six-reel Feature with Dustin Farnum in Leading Role.

Dazzling Bewildering Scenes. Superb Acting and Absorbing Story

MATINEE 10c—Don't Miss this Picture—EVENING 10c

WINDHAM COUNTY FAIR

AT BROOKLYN, CONN. Tuesday, Wednesday, Thursday, September 22nd, 23rd, 24th

TUESDAY ENTRY DAY-Make Your Entries Early

WEDNESDAY CATTLE DAY Exhibition of Cattle in Pens, Oxen and Steers Ladies' Driving Class for \$25.00 in Gold, Divided Trotting in the Free-For-All and 2.35 Classes Called at 1 p.m.

> will be worth the admission to the Fair THURSDAY **BROOD MARES AND COLTS**

A Fine Exhibit of Percherons is Assured

The Exhibit of the Connecticut Agricultural Station

LADIES' DRIVING CLASS FOR PRIZES

Sterrett's Trained Animal Circus Each Day Children under 12 admitted FREE Thursday

Oakleaf Liectric irons

HEATS IN TWO MINUTES.

New heating element guaranteed for FIVE YEARS.

Holds Heat.

Price \$3.00

THE HOUSEHOLD

Bulletin Building, 74 Franklin Street

Chamberlain for treasurer. The people ment at the polis.—New Britain Her-of this community know him pretty well and unless the sentiment of New

Britain has been misjudged he will be given a handsome local endorse-

Three hundred and ninety-five

years ago yesterday Ferdinand Magellan set sail from Spain upon

Motor vehicles in Germany number

Today a voyage around the

world is a matter of only as many months as the first circumnavi-gators required years. The whole

THEN—and—NOW

his first voyage around the world, Of the five vesesls that made up his fleet, manned by a motley crew of 289 men, only one ship and 18 men were destined to finish the journey. Magellan was to die in a land unknown to Europeans. A land unknown to Europeans. hidden rock off the entrance to the strait that now bears the navigator's mame sunk the first ship. Mutiny was responsible for the death of three ship-captains and the loss of another ship whose crew suddenly turned tall and fled back toward Spain. On November 28, 1520, Magellan, with three ships 1520, Magellan, with three ships remaining, sailed out of the strait and was "the first that ever ourst into that silent sea" of the Pacific. Ten thousend miles of unfathomed ocean lay between him and his first sight of human beings. Beset with scurvy, putrid drinking water and food alive with worms, they sailed onward "continually ever following the sonne towards the West." ing the sonne towards the West." On March 16, 1521 they sighted the Philippines. Converting a tribe to Christianity, Magellan turned crosader and accompanied his converts to war against a neighboring tribe. The battle was distastrous. Magel-lan lost his life. The converted natives turned on the Spaniards, mas-sacred thirty of them and drove the remainder of them to sea. One of the vessels, unfit for future sea service, was burned another sprang a leak, and a surviving ship manned by 46 sailors with Sebastian del Cano as captain set sail for distant Spain. Almost three years to a day from the sailing of Managaran and the first circumnation. gelian upon the first circumnavi-gation of the globe, the vessel with only 18 men surviving sailed into the mouth of the Guadilquivir, in

complexion of ocean traffic has been changed. Not only has steam in-creased the speed of ships, but the creased the speed or ships, but the ingenuity of man has lessened the actual steamship distance around the globe by at least a fourth. Two mighty engineering feats, the Panama and Suez canals, have accomplished this. If a modern trans, attentic liner some of which trans-Atlantic liner, some of which are capable of more than 500 miles a day, set sail from Magellan's starting point in Spain upon a voyage around the earth, and was able to maintain its highest speed throughout the journey, it would arrive back in port in less than two months of the day of sailing. The Panama canal would not only climinate the journey around South America but the cold and danger of a trip around Cape Horn. Likewise the Suez canal removes the necessity of following the course around Africa and offers a safe, swift and comfortable voyage under swift and comfortable voyage under tropical skies. The two canals have reduced the world-voyage by at least 8,000 miles, making the total length of the journey a little more than 22,000 miles, according to the estimate of the U. S. Hydro-graphic Bureau. Magelian's ships would appear like pigmies beside the modern ocean liners—all could the modern ocean liners—all could be placed on a single deck of the largest steamer. Their crews of 280 men would scarcely be enough to make up the gang of stokers that shovel coal into the boilers of some of the modern ships. The largest ship afloat today has a total crew of more than 1,000 men.